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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/702,227
Filing Date	November 5, 2003
First Named Inventor	William B. Dress
Art Unit	2633
Examiner Name	Not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number 2503702-991113

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Postcard; PCT Search Report and cited references
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## Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Or Individual name	EDWARD B. WELLER (Reg. No. 37,468) Gray Cary Ware & Freidenrich LLP
Signature	
Date	August 10, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Susan Pingue
Signature	
Date	August 10, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## INFORMATION DISCLOSURE STATEMENT

	Applicant	Dress, et al.
	Application No.	10/702,227
	Filed:	November 5, 2003
	For:	Optical Fan-Out And Broadcast Interconnect
	Group Art Unit:	2633
	Examiner:	Not yet assigned
	Attorney Docket No.:	2503702-991113

Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

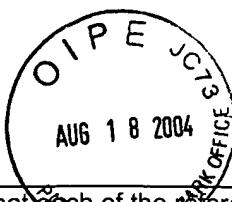
In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application.

This Information Disclosure Statement:

- (a)  accompanies a new patent application submitted herewith.
- (b)  is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; OR
- (c)  after the period defined in (b) but before the mailing date of a Final Rejection or Notice of Allowance, OR
- (d)  is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below OR
- (e)  is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

- (f)  Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- (g)  No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.



Attorney Docket No.: 2503702-991113

It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application. A copy of the PCT Search Report and the cited references are enclosed.

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. 07-1896

Respectfully submitted,

Date: August 10, 2004

GRAY CARY WARE & FREIDENRICH LLP

By:

A handwritten signature in black ink that appears to read "Edward B. Weller".

Reg. No. Edward B. Weller (Reg. No. 37,468)  
Attorneys for Applicant(s)  
2000 University Avenue  
East Palo Alto, CA 94303  
650-833-2436

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August 10, 2004

Date

Signature

A handwritten signature in black ink that appears to read "Marianne Pringle".



Attorney Docket No.: 2503702-991113

Form PTO-1449 (modified 2/91) <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE		Attorney Docket Number: <b>2503702-991113</b>	Serial Number: 10/702,227
	Patent and Trademark Office			
	Applicants: Dress, et al.			
	Filing date: November 5, 2003		Group art unit: 2633	

### U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate

### FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub-class	Translation YES	NO
						Abstract	
						Abstract	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	PCT Search Report mailed on May 13, 2004 corresponding to PCT Application No. US03/35242.
<input checked="" type="checkbox"/>	McCormick et al., "Five-Stage Free-Space Optical Switching Network With Field-Effect Transistor Self-Electro-Optic-Effect-Device Smart-Pixel Arrays," March 10, 1994, pp 1601-1618, Applied Optics.
<input checked="" type="checkbox"/>	Cloonan, et al., "Shuffle-Equivalent Interconnection Topologies Based On Computer-Generated Binary-Phase Gratings," March 10, 1994, pp. 1405-1430, Applied Optics.

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

The PTO did not receive the following listed Items(s) the two NPLs.